TCNA TEST REPORT NUMBER:	**TCNA-0343-18**
TEST REQUESTED BY:	**Cepac Tile**

TEST METHOD: <u>**ANSI A137.1-2017 Section 9.6.1: "Wet Dynamic Coefficient of Friction (DCOF)"**</u>

Informal Test Method Description: This test method covers the measurement of dynamic coefficient of friction of ceramic tile or other surfaces under the wet condition using the BOT 3000 device.

This summary is provided for the reader's convenience and is not a complete description of the method. See ANSI A137.1 Section 9.6.1 for all method details and information.

TEST SUBJECT MATERIAL: Identified by client as: **"Cirque-CQ-1"**
Approximate Size as Received: 12″x12″ mosaic sheets
Product Color: Chalk

TEST DATE: 4/5/2018

TEST PROCEDURE NOTES:

- Sample Prep: Mounted mosaic sheets to rigid surfaces for testing.
- The tiles were cleaned with Renovator #120 prior to testing.
- Three (3) pieces of tile were tested in all four directions with 10″ long measurements.
- The SBR sensor was verified using a standard tile prior to testing. The DCOF measurement on the standard tile was 0.28, within the required range.
- Testing was performed under wet conditions using 0.05% SLS water
- Testing was conducted under laboratory conditions at approximately 70°F and 50% relative humidity using a calibrated BOT 3000E device (calibration due: 10/4/2018).
- After testing the SBR sensor was verified again according to the procedure. The DCOF measurement on the standard tile after testing was 0.29, within the required range.

TEST RESULTS:

The individual and average DCOF data for each tile were as follows:

Direction	Tile 1	Tile 2	Tile 3
Direction 1	0.26	0.28	0.28
Direction 2	0.25	0.26	0.28
Direction 3	0.26	0.26	0.27
Direction 4	0.26	0.26	0.27
Average	0.26	0.27	0.28

COMMENTS: none

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